

Utah Department of Environmental Quality

Division of Drinking Water

Public Water System Inventory Report

Run Date:
08/04/2011 12:19 pm

PWS ID: UTAH18026 **Name:** SALT LAKE CITY WATER SYSTEM
Legal Contact: SALT LAKE CITY WATER SYS **Rating:** Approved
RANDALL BLAINE BULLOUGH **Rating Date:** 06/05/2075
Address: 1530 S WEST TEMPLE **Activity Status:** Active
SALT LAKE CITY, UT 84115
Phone Number: 801-483-6730
City Served (Area):
County: SALT LAKE COUNTY

System Type: Community **Last Inv Update:** 07/18/2011 **Avg Daily Prod:**
Activity Status Cd: Active **Last Snty Srv Dt:** 05/09/2011 **Total Dsgn Cap:**
Population: 318,506 **Surveyor:** MEGAN FERGUSON **Total Emerg Cap:**
Oper Period: 1/1 to 12/31

Gal/Day Gal/Min

Contacts

Contact Type	Name	Title	Phone Numbers		Email Address
			Office	Emergency	
AC	BULLOUGH, RANDALL BLAINE		801-483-6712	801-943-8952	randy.bullough@slcgov.com

Service Connections

Connection Type	Meter Type Code	Meter Size	Number Connections
Combined	Metered	0	13,569
Commercial	Unknown	0	23,578
Residential	Unknown	0	90,912
			128,059 Total Svc Connections

Storage

Total Storage: 108,660,000 G **Number of Units:** 45 **Adequate Capacity:** NO

No.	Name	Type	Effective Volume	Constr Matl	Overflow Elev	Activity Status	Press'd
ST043	TAVACI STORAGE	Ground	500,000 GAL	Concrete		A	NO
ST044	GRANITE OAKS STORAGE	Ground	1,000,000 GAL	Concrete		A	NO
ST045	STORAGE FACILITY ST045	Standpipe				I	NO
ST006	CAPITOL HILLS TANK (NORTH)	Ground	1,000,000 GAL	Steel	4661	A	NO
ST007	CAPITOL HILLS TANK (SOUTH)	Ground	1,000,000 GAL	Steel	4661	A	NO
ST008	CARRIGAN COVE TANK	Ground	275,000 GAL	Concrete	5566	A	NO
ST009	EAST BENCH TANK (EAST)	Ground	1,000,000 GAL	Concrete	5301	A	NO
ST010	EAST BENCH TANK (WEST)	Ground	1,000,000 GAL	Concrete	5301	A	NO
ST011	EASTWOOD TANK (NORTH)	Ground	500,000 GAL	Steel	5054	A	NO
ST012	EASTWOOD TANK (SOUTH)	Ground	320,000 GAL	Steel	5054	A	NO
ST013	EMIGRATION CANYON TANK	Ground	1,000,000 GAL	Concrete	5776	A	NO
ST014	ENSIGN DOWNS LOWER TANK	Ground	5,000,000 GAL	Concrete	5179	A	NO
ST015	ENSIGN DOWNS UPPER TANK	Ground	300,000 GAL	Concrete	5333	A	NO
ST016	FERGUSON TANK	Ground	5,000,000 GAL	Steel	5363	A	NO
ST017	FIFTEENTH EAST RESERVOIR	Ground	10,000,000 GAL	Concrete	4673	A	NO
ST018	FORT DOUGLAS RESERVOIR	Ground	1,000,000 GAL	Concrete	5297	A	NO
ST019	MARCUS RESERVOIR	Ground	3,200,000 GAL	Concrete	4286	A	NO
ST020	MC ENTIRE RESERVOIR	Ground	7,000,000 GAL	Concrete	4812	A	NO
ST037	STORAGE FACILITY ST037	Standpipe				I	NO
ST038	STORAGE FACILITY ST038	Standpipe				I	NO
ST039	STORAGE FACILITY ST039	Standpipe				I	NO
ST040	STORAGE FACILITY ST040	Standpipe				I	NO

Storage

Total Storage: 108,660,000 G

Number of Units: 45

Adequate Capacity: NO

No.	Name	Type	Effective Volume	Constr Matri	Overflow Elev	Activity Status	Press'd
ST041	STORAGE FACILITY ST041	Standpipe				I	NO
ST042	STORAGE FACILITY ST042	Standpipe				I	NO
ST025	MT OLYMPUS COVE TANK (WEST)	Ground	1,000,000 GAL	Steel	5416	A	NO
ST026	NEFFS CANYON TANK	Ground	200,000 GAL	Concrete	5780	A	NO
ST027	NORTH BENCH TANK	Ground	200,000 GAL	Steel	5453	A	NO
ST028	OLYMPUS COVE TANK	Ground	130,000 GAL	Steel	5769	A	NO
ST029	PARK RESERVOIR	Ground	15,000,000 GAL	Concrete	4916	A	NO
ST030	PERRY'S HOLLOW RESERVOIR	Ground	1,000,000 GAL	Concrete	5449	A	NO
ST031	TANNER RESERVOIR	Ground	1,000,000 GAL	Concrete	4648	A	NO
ST032	TELFORD RESERVOIR	Ground	1,000,000 GAL	Concrete	5362	A	NO
ST033	TETON (NORTH) STORAGE	Ground	520,000 GAL	Steel	5329	A	NO
ST034	TETON (SOUTH) STORAGE	Ground	300,000 GAL	Steel	5329	A	NO
ST035	VICTORY ROAD RESERVOIR	Ground	12,000,000 GAL	Concrete	4486	A	NO
ST036	WHITE RESERVOIR	Ground	1,000,000 GAL	Concrete	5612	A	NO
ST001	STORAGE FACILITY ST001	Standpipe				I	NO
ST002	BASKIN RESERVOIR	Standpipe	9,750,000 GAL	Concrete	4870	A	NO
ST003	C W WILSON RESERVOIR	Ground	7,300,000 GAL	Concrete	5072	A	NO
ST004	CANYON COVE TANK (LOWER)	Ground	500,000 GAL	Steel	5133	A	NO
ST005	CANYON COVE TANK (UPPER)	Ground	460,000 GAL	Steel	5293	A	NO
ST021	MILITARY RESERVOIR	Ground	12,000,000 GAL	Concrete	4853	A	NO
ST022	MILLCREEK TANK	Ground	205,000 GAL	Steel	5030	A	NO
ST023	MORRIS RESERVOIR	Ground	5,000,000 GAL	Concrete	5179	A	NO
ST024	MT OLYMPUS COVE TANK (EAST)	Ground	1,000,000 GAL	Steel	5416	A	NO

Treatment Plants

No.	Plant Name	Approved Design Capacity (gal/day)	Activity Status	Treatment Process
TP001	BIG COTTONWOOD WTP		A	
TP002	PARLEYS WTP		A	
TP003	CITY CREEK WTP		A	
TP006	BOUNDARY/MILCREEK CHLORINATOR + FLUOR		A	
TP009	3RD EAST PUMP STATION CHLORINATOR		A	
TP010	NILA WAY WELL FLUORIDE		A	
TP013	NEFFS DRAW WELL FLUORIDE		A	
TP014	WELL #14 FLUORIDE		A	
TP019	SUGARHOUSE PARK AERATOR		I	
TP020	13TH EAST WELL FLUORIDE		A	
TP021	1900 E 2700 S WELL FLUORIDE		A	
TP023	900 E 4800 S WELL CHLORINATOR + FLUORIDE		A	
TP024	BRINTON SPRING WELL FLUORIDE		A	
TP025	5400 S EDGEWOOD WELL FLUORIDE		A	
TP027	FONTAINE BLEU WELL CHLORINATOR + FLUOR		A	
TP028	2080 E 6200 S UV DISINFECTION/FLUORIDE		A	
TP033	WALKER LANE WELL FLUORIDE		A	
TP035	ARTESIAN BASIN WELL 1 CHLORINATOR		I	
TP037	EREKSEN ARTESIAN BASIN CHLORINATOR		I	
TP041	MILLCREEK WELL FLUORIDE		A	
TP042	ARTESIAN BASIN WELL 2 CHLORINATOR		I	
TP119	MARCUS RESERVOIR FLUORIDE AND CHLORIN		A	
TR030	GREENFIELD VILLAGE WELL FLUORIDE		A	
TR032	ELLISON WELL FLUORIDE		A	

Pumping Stations

Facility No	Facility Name	Activity Status	Capacity	Avail	Emerg Power	Operating Category	Total Dynamic Head
PF001	LITTLE WILLOW PUMP STATION	A		P			
PF002	ARLINGTON HILLS PUMP STATION	A		P			
PF003	5TH AVE U STREET PUMP STATION	A		P			
PF004	UNIVERSITY PUMP STATION	A		P			
PF005	RESEARCH PARK PUMP STATION	A		P			
PF006	BOUNDARY MILLCREEK PUMP STATION	A		P			
PF007	BONNEVILLE PUMP STATION	A		P			
PF008	EAST BENCH PUMP STATION	A		P			
PF009	3RD EAST PUMP STATION	A		P			
PF010	33RD SOUTH PUMP STATION	A		P			
PF011	KENTON DR PUMP STATION	A		P			
PF012	VIRGINIA MILLCREEK PUMP STATION	A		P			
PF013	EASTWOOD PUMP STATION	A		P			
PF014	ENSIGN DOWNS PUMP STATION	A		P			
PF015	ZARAHAMIA PUMP STATION	I		P			
PF016	MOUNT OLYMPUS PUMP STATION	A		P			
PF017	4500 SOUTH PUMP STATION	A		P			
PF018	39TH BIRCH PUMP STATION	A		P			
PF019	CANYON COVE PUMP STATION	A		P			
PF020	70TH SOUTH PUMP STATION	A		P			
PF021	78TH SOUTH PUMP STATION	A		P			
PF022	GOLDEN HILLS PUMP STATION	A		P			
PF023	CARRIGAN COVE PUMP STATION	A		P			
PF024	NORTH BENCH PUMP STATION	A		P			
PF025	39TH SOUTH PUMP STATION	I		P			
PF026	OAKHILLS PUMP STATION	A		P			
PF027	EMIGRATION PUMP STATION	A		P			
PF028	6200 IRRIGATION PUMP STATION	A		P			
PF029	GRANITE OAKS PUMP STATION	A		P			
PF030	TAVACI PUMP STATION	A		P			
PF031	MILITARY PUMP STATION	A					

Distribution System

Pump Type	Total Dyn Head ft H2O	P.S.I.	Pressure Adequate	Cross Connection	Auhority Statement
			No		

Sources

No.	Source Name	Activity Status	Source Type	Well Dia.	Safe Yield *	Pump Capacity	Location Data On File	Water Type	Availability	Period of Operation	Grnd Wtr Indicator
WS001	BIG COTTONWOOD INTAKE	Active	IN				Yes	SW	Permanent	1/1 to 12/31	
WS001A	BIG COTTONWOOD SPRING	Inactive	SP				Yes	SW	Permanent		
WS002	PARLEYS INTAKE - MOUNTAIN	Active	IN				Yes	SW	Permanent	1/1 to 12/31	
WS003	CITY CREEK INTAKE	Active	IN				Yes	SW	Permanent	1/1 to 12/31	
WS004	UTAH18016 METROPOLITAN	Active	CC				Yes	SW	Permanent	1/1 to 12/31	
WS005	MT OLYMPUS SPRING	Inactive	SP				Yes	GW	Seasonal		
WS006	UPPER BOUNDARY SPRING	Active	SP				Yes	GW	Permanent	1/1 to 12/31	
WS007	LOWER BOUNDARY SPRING	Inactive	SP				Yes	GW	Other		
WS008	EMIGRATION TUNNEL	Inactive	SP				Yes	GW	Permanent	1/1 to 12/31	
WS009	3RD EAST PUMP STATION	Inactive	WL				Yes	GW	Other		
WS010	NILA WAY WELL	Active	WL	12	350 GPM	350 GPM	Yes	GW	Seasonal		
WS011	ABANDONED WELL	Inactive	WL				Yes	GW	Other		
WS012	ABANDONED WELL	Inactive	WL	16			Yes	GW	Other		
WS013	NEFFS DRAW WELL	Active	WL	16	300 GPM	250 GPM	Yes	GW	Seasonal		

*Reports measured flow for wells, approved design capacity for all other sources.

Sources

No.	Source Name	Activity Status	Source Type	Well Dia.	Safe Yield *	Pump Capacity	Location Data On File	Water Type	Availability	Period of Operation	Grnd Wtr Indicator
WS014	4280 E 2700 S WELL	Active	WL	16	1100 GPM	1,100 GPM	Yes	GW	Seasonal		
WS015	WELL #4	Inactive	WL	10	140 GPM		Yes	GW	Other		
WS016	WELL #5	Inactive	WL	10	275 GPM	140 GPM	Yes	GW	Other		
WS017	4TH AVE WELL	Active	WL	20	3800 GPM	280 GPM	Yes	GW	Seasonal		
WS018	15TH EAST WELL	Inactive	WL	20	2100 GPM	2,100 GPM	Yes	GW	Seasonal		
WS019	SUGARHOUSE PARK WELL	Inactive	WL	20	3550 GPM	3,470 GPM	Yes	GW	Seasonal		
WS020	13TH EAST WELL	Active	WL	20	2700 GPM	2,600 GPM	Yes	GW	Seasonal		
WS021	1900 E 2700 S WELL	Inactive	WL	20	4200 GPM	4,200 GPM	Yes	GW	Seasonal		
WS022	2100 E 3500 S WELL	Inactive	WL	12	900 GPM	900 GPM	Yes	GW	Other		
WS023	900 E 4800 S WELL	Active	WL	12	1800 GPM	1,000 GPM	Yes	GW	Seasonal		
WS024	BRINTON SPRING WELL	Active	WL	16	2400 GPM	2,000 GPM	Yes	GW	Seasonal		
WS025	5400 S EDGEWOOD WELL	Active	WL	20	1100 GPM	1,100 GPM	Yes	GW	Seasonal		
WS026	DIAGONAL WELL	Active	WL	12	1900 GPM	1,900 GPM	Yes	GW	Seasonal		
WS027	1800 E 5900 S WELL	Active	WL	20	2800 GPM	1,690 GPM	Yes	GW	Seasonal		
WS028	2080 E 6200 S WELL	Active	WL	20	2800 GPM	1,700 GPM	Yes	GW	Seasonal		
WS029	DYERS INN WELL	Active	WL	20	4050 GPM	3,800 GPM	Yes	GW	Seasonal		
WS030	GREENFIELD VILLAGE WEL	Active	WL	20	1150 GPM	1,150 GPM	Yes	GW	Seasonal		
WS031	7901 S HIGHLAND WELL	Inactive	WL		1580 GPM	1,500 GPM	Yes	GW	Other		
WS032	ELLISON WELL	Active	WL	20	2500 GPM	2,500 GPM	Yes	GW	Seasonal		
WS033	WALKER LANE WELL	Active	WL	16	2000 GPM	1,000 GPM	Yes	GW	Seasonal		
WS034	UTAH18027 JVWCD	Active	CC				No	SW	Permanent	1/1 to 12/31	
WS035	ARTESIAN BASIN WELL #1	Active	WL	16	247 GPM	1,400 GPM	Yes	GW	Permanent	1/1 to 12/31	
WS036	NEW EMIGRATION WELL	Inactive	WL	12	90 GPM		Yes	GW	Other		
WS037	EREKSEN ARTESIAN BASIN	Inactive	WL	16	1100 GPM		Yes	GW	Other		
WS039	RICHARDS DITCH WELL	Inactive	WL	20			Yes	GW	Seasonal		
WS040	MICK RILEY WELL	Inactive	WL				Yes	GW	Other		
WS041	MILLCREEK WELL	Active	WL			2,290 GPM	Yes	GW	Seasonal		
WS042	ARTESIAN BASIN WELL #2	Active	WL		253 GPM	1,700 GPM	Yes	GW	Permanent	1/1 to 12/31	
WS043	CRESTWOOD WELL	Inactive	WL				Yes	GW	Other		

*Reports measured flow for wells, approved design capacity for all other sources.